


<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>			Docket No. <b>YO998532</b>
Applicant(s): <b>Lu et al.</b>			
Serial No <b>09/296,588</b>	Filing Date <b>April 23, 1999</b>	Examiner <b>Qi, Lang</b>	Group Art Unit <b>2871</b>
Invention: <b>METHODS OF REDUCING UNBALANCED DC VOLTAGE BETWEEN TWO ELECTRODES OF REFLECTIVE LIQUID CRYSTAL DISPLAY BY THIN FILM PASSIVATION</b>			
<p>I hereby certify that this _____ <u>Supplemental Amendment Under 37 C.F.R. 1.111</u> _____ (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9318</u>) on <u>7/1/03</u> _____ (Date)</p> <p style="text-align: center;"><u>Frederick W. Gibb, III</u> (Typed or Printed Name of Person Signing Certificate)  (Signature)</p> <p style="text-align: right;">FAX RECEIVED JUL 01 2003 TECHNOLOGY CENTER 2800</p> <p>Note: Each paper must have its own certificate of mailing.</p>			

P18/REV01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Lu et al.

Serial No. 09/296,588

Group Art Unit: 2871

Filed: April 23, 1999

Examiner: Qi. Lang

For: METHODS OF REDUCING UNBALANCED DC VOLTAGE  
BETWEEN TWO ELECTRODES OF REFLECTIVE LIQUID  
CRYSTAL DISPLAY BY THIN FILM PASSIVATION

JUL 01 2003

Commissioner of Patents  
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TECHNOLOGY CENTER 2800

## SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

In further response to the Office Action mailed February 25, 2003 and further to the Amendment filed by Applicants on May 22, 2003, please amend the application as follows:

**IN THE SPECIFICATION:**

Please replace the paragraph beginning on page 18, line 18 – page 19, line 3, as follows:

The total thickness of the DLC film 35 is about 5 nm and the resistivity is from [104 to 1011]  $10^4$  to  $10^{11}$  ohm-cm. The DLC film can then be either buffed by a rotating wheel wrapped by a velvet or nylon cloth or treated by Ar ion beam as described in S.-C. A. Lien, P. Chaudhri, J. A. Lacy, R. A. John, and J. L. Speidell, "Active-matrix Display Using Ion-Beam-Processed Polyimide Film for Liquid Crystal Alignment IBM Jour. of Res. & Develop. V42, 537-542 (May/July, 1998), incorporated herein by reference, to introduce a preferred orientation for the liquid crystal alignment.